

CLAIMS

1. A tool guiding apparatus for guiding a tool along a path on a surface to be processed, said apparatus comprising:
- 5 at least one path-defining means adapted to be attached to the surface, automatic tool actuation means adapted to advance the tool along the path,
- wherein the automatic tool actuation means comprises a flexible force-transferring element
- 10 comprising a first end and a second end, the first end being attached to the automatic tool actuation means and the second end being attached to the tool.
2. A tool guiding apparatus according to claim 1, wherein the path-defining means is adapted to engage at least a part of the flexible force-transferring element.
- 15 3. A tool guiding apparatus according to any of the preceding claims, wherein the path-defining means comprises a wheel adapted to engage at least a part of the force-transferring element.
- 20 4. A tool guiding apparatus according to any of the preceding claims, wherein the automatic tool actuation means is adapted to be attached to the surface.
5. A tool guiding apparatus according to claim 4, wherein at least one of the automatic tool actuation means and the at least one path-defining means comprises at least one vacuum
- 25 cup.
6. A tool guiding apparatus according to any of claims 1-5, wherein the tool is a knife with a cutting edge.
- 30 7. A tool guiding apparatus according to claim 6, wherein at least a part of the cutting edge extends in a direction transverse to a line defined by at least a part of the force-transferring element.
8. A tool guiding apparatus according to any of claims 5-7, wherein the vacuum cup and
- 35 the wheel are interconnected by a moment arm.
9. A tool guiding apparatus according to any of claims 3-8, wherein the radius of the wheel is substantially equal to the radius of a windscreen of an automobile.

10. A tool guiding apparatus according to any of claims 3-9, wherein the wheel is releasably attached to the path defining means.
11. A tool guiding apparatus according to any of claims 3-10, further comprising a plurality
5 of interchangeable wheels at least two of said wheels having different radii.
12. A tool guiding apparatus according to any of claims 5-11, wherein at least a part of the surface of the wheel comprises a friction increasing material.
- 10 13. A tool guiding apparatus according to any of claims 5-12, wherein at least a part of the force transferring element comprises a friction increasing material.
14. A tool guiding apparatus according to any of the preceding claims, wherein the automatic tool actuation means comprises a motor.
- 15 15. A tool guiding apparatus according to claim 14, wherein the motor is electrical.
16. A tool guiding apparatus according to any of the preceding claims, wherein the automatic tool actuation means are adapted to pull the tool along the path.
- 20 17. A tool guiding apparatus according to any of claims 6-16, wherein the knife is releasably attached to a fixture.
18. A tool guiding apparatus according to any of claims 6-17, wherein the fixture
25 comprises a means for activating the motor.
19. A tool guiding apparatus according to claim 18, wherein the means for activating the motor is adapted to control the speed of the motor.
- 30 20. A tool guiding apparatus according to claims 18 or 19, wherein the means for activating the motor is wireless.
21. A tool guiding apparatus according to any of claims 14-20, further comprising control means for controlling the speed of the motor.
- 35 22. A method for guiding a tool along a path on a surface to be processed, said method comprising the steps of:
- attaching at least one path defining means to the surface to be processed, and

advancing the tool along the path by activating an automatic tool actuation means.

23. A method according to claim 22, further comprising the step of attaching the automatic tool actuation means to the surface.